

Flood Control Project Maintenance**2011 Structure Summary Report****Overall Unit and Item Ratings****Reclamation District No. 2096 Wetherbee Lake****Wetherbee Lake Pumping Plant & Navigation Gate**

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	M
	Trash Rakes	N
	Sluice / Slide Gates	N
	Electric Gate Operators	A
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	A
	Security Fencing	A
	Intake and Discharge Pipes	A
	Pressurized Pipe	A

Flood Control Project Maintenance**Unit Cover Sheet****2011 Pumping Plant Inspection Results****Reclamation District No. 2096 Wetherbee Lake**

Pumping Plant
Wetherbee Lake Pumping Plant & Navigation Gate

Pumping Plant Rating	A
Date of Inspection	8/3/2011
DWR Inspector	Jim Eto
Accompanied By	Paul Casillas DWR Sutter Yard

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Wetherbee Lake

Structure						Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate							08/03/2011 08/03/2011	Jim Eto

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Pump Stations	Operating Log		A	Inspector Comments: O&M log presented at time of inspection	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	1 Y
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		A	Inspector Comments: O&M manual present at inspection.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	2 Y
3	0.00	0.00	Pump Stations	Plant Building		A	Inspector Comments: Building protects the controls only.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	3 Y
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: Trustee has cellular phone.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	4
5	0.00	0.00	Pump Stations	Safety		A	Inspector Comments: No hazards noted	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	5
6	0.00	0.00	Pump Stations	Cranes		N	Inspector Comments: Item does not apply, cranes are not present on site.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	6
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumps appear to be in working order, trustee has stated that pumps have been running until mid July.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	7
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No electrical deficiencies observed. Backup generators can be brought in on an emergency basis.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All items appear operational.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	10
10	0.00	0.00	Pump Stations	Pump Control Systems		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Controls are free of damage and appear to operate normally.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	11
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A	Inspector Comments: Sump is clear of debris.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	12
12	0.00	0.00	Pump Stations	Trash Racks		M	Inspector Comments: Trash rack is present, however one panel is missing from rack.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	13 Y
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: No trash rake present.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	14
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		N	Inspector Comments: No slide gates present	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	15

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Wetherbee Lake

Structure						Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate							08/03/2011 08/03/2011	Jim Eto

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
15	0.00	0.00	Pump Stations	Electric Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Item appears to be in good working condition. Radial arm gate was open at time of inspection.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	16 Y
16	0.00	0.00	Pump Stations	Manual Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operators appear to be maintained and in good working order.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	17
17	0.00	0.00	Pump Stations	Other Metallic Items		A	Inspector Comments: Other exposed metal items are painted or coated to prevent corrosion.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	18
18	0.00	0.00	Pump Stations	Flap Gates		A	Inspector Comments: Flap gates appear to be fully operational.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	19 Y
19	0.00	0.00	Pump Stations	Closure Structures		A	Inspector Comments: Radial arm gate acts as closure structure, gate was open at time of inspection.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	20 Y
20	0.00	0.00	Pump Stations	Security Fencing		A	Inspector Comments: Security fencing is in place. CC cameras also in place.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	21
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pipes appear to be free of defects.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	22
22	0.00	0.00	Pump Stations	Pressurized Pipe		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No evidence of erosion or leakage found.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	23

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Wetherbee Lake

Structure	Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate		08/03/2011 08/03/2011	Jim Eto

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log
08/03/2011 Operations Log	
jeto_t_20110808_001.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operation & Maintenance Manual
08/03/2011 Operations and Maintenance Manual	
jeto_t_20110808_002.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
08/03/2011 "Building" shown in background on left, structure houses the pump controls.	
jeto_t_20110808_003.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Wetherbee Lake

Structure	Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate		08/03/2011 08/03/2011	Jim Eto

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks
08/03/2011 Section of trash rack is missing, missing section would be in upper left of photo.	
jeto_t_20110808_004.jpg	



Levee Mile Report Line	15
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Electric Gate Operators
08/03/2011 Photo shows radial arm gate controls.	
jeto_t_20110810_028.jpg	



Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
08/03/2011 Flap gates shown.	
jeto_t_20110808_005.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2011

Wetherbee Lake

Structure	Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate		08/03/2011 08/03/2011	Jim Eto

Levee Mile Report Line	19
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Closure Structures
08/03/2011 Radial arm gate, shown in open position.	
jeto_t_20110808_006.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected